

**Natural Resources Conservation Service**

**Application Ranking Summary**

**FY13 On-Farm Energy**

<b>Program:</b>	<b>Ranking Date:</b>	<b>Application Number:</b>
<b>Ranking Tool:</b> FY13 On-Farm Energy		<b>Applicant:</b>
<b>Final Ranking Score:</b>		<b>Address:</b>
<b>Planner:</b>	<b>Telephone:</b>	
<b>Farm Location:</b>		

**National Priorities Addressed**

<b>Issue Questions</b>	<b>Responses</b>
If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering "Yes" to the following question. Answering "Yes" to question 1a will result in the application being awarded the maximum amount of points that can be earned for the national priority category.	
1. a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other national level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
Clean and Abundant Water: Water Quality - Will the proposed project assist the producer to:	
2. a. Meet regulatory requirements relating to animal feeding operations, or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
2. b. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a designated "impaired water body" (TMDL, 303d, etc.)?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Reduce sediment, nutrients or pesticides from agricultural operations located within a field that adjoins a "non-impaired water body"?	Yes <input type="radio"/> or No <input type="radio"/>
Clean and Abundant Water: Water Conservation - Will the proposed project assist the producer implement conservation practices which:	
3. a. Decrease aquifer overdraft?	Yes <input type="radio"/> or No <input type="radio"/>
3. b. Conserve water from irrigation system improvements and saved water will be available for other beneficial uses?	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Conserve water in an area where the applicant participates in a geographically established or watershed-wide project?	Yes <input type="radio"/> or No <input type="radio"/>
Clean Air: Treatment of air quality from agricultural sources - Will the proposed project assist the producer to implement practice(s) which:	
4. a. Meet on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
4. b. Reduce on-farm generated green house gases such as CO2 (Carbon Dioxide), CH4 (Methane), and N2O (Nitrous Oxide)?	Yes <input type="radio"/> or No <input type="radio"/>
4. c. Increase on-farm carbon sequestration?	Yes <input type="radio"/> or No <input type="radio"/>
Soil Health: Will the proposed project assist the producer to implement practice(s) which:	
5. a. Reduce erosion to tolerable limits (Soil "T")?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. Improve soil tilth, organic matter, structure, health, etc.?	Yes <input type="radio"/> or No <input type="radio"/>
Healthy Plant and Animal Communities Wildlife Habitat Conservation - Will the proposed project assist the producer to implement practice(s) which:	
6. a. Benefit on-farm habitat associated with threatened and endangered, at-risk, candidate, or species of concern as identified in a State wildlife plan?	Yes <input type="radio"/> or No <input type="radio"/>
6. b. Help retain wildlife and plant habitat on land exiting the Conservation Reserve Program (CRP)?	Yes <input type="radio"/> or No <input type="radio"/>
High Quality, Productive Soils, Healthy Plant and Animal Communities: Will the proposed project assist the producer implement practices which:	

7. a. Help manage or control noxious or invasive plant species on non-cropland?	Yes <input type="radio"/> or No <input type="radio"/>
7. b. Increase, or improve habitat to benefit pollinator or other targeted wildlife species?	Yes <input type="radio"/> or No <input type="radio"/>
7. c. Properly dispose of livestock carcasses?	Yes <input type="radio"/> or No <input type="radio"/>
7. d. Are identified in an Integrated Pest Management plan?	Yes <input type="radio"/> or No <input type="radio"/>
7. e. Are identified in a Nutrient Management plan?	Yes <input type="radio"/> or No <input type="radio"/>
7. f. Apply principles of adaptive nutrient management?	Yes <input type="radio"/> or No <input type="radio"/>
Energy Conservation - Will the proposed project assist the producer to implement practices which:	
8. a. Reduce energy consumption on the agricultural operation?	Yes <input type="radio"/> or No <input type="radio"/>
8. b. Increase on-farm energy efficiency with practices and improvements identified in an approved energy audit equivalent to criteria required in Ag EMP (122,124)?	Yes <input type="radio"/> or No <input type="radio"/>
8. c. Assist in implementing energy conservation measures that also reduce greenhouse gas emissions and other air pollutants?	Yes <input type="radio"/> or No <input type="radio"/>
Business Lines - Conservation Implementation Additional Ranking Considerations - Will the proposed project result in:	
9. a. Implementation of all conservation practices scheduled in the contract on the CPA-1155 within three years of date of obligation?	Yes <input type="radio"/> or No <input type="radio"/>
9. b. Improvement of existing conservation practices or conservation systems already in place at the time the application is accepted?	Yes <input type="radio"/> or No <input type="radio"/>
9. c. Implementation of practice(s) which will complete an existing conservation system or suite of practices?	Yes <input type="radio"/> or No <input type="radio"/>

#### State Issues Addressed

Issue Questions	Responses
If the application is for the development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering ?Yes? to the following question. Answering ?Yes? to question 1a will result in the application being awarded the maximum amount of points that can be earned for the state level questions.	
1. a Is the program application for development of a Conservation Activity Plan (CAP) for a TSP prepared Agricultural Energy Management Plan (122 or 124)? If answer is ?Yes?, do not answer any other state level questions. If answer is ?No?, proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
Answer both of the following two questions regarding the producer?s efforts to improve existing energy conservation systems in their farming operation. Maximum points 150.	
2. a Are the practices included in the schedule of operation included as recommendations in an Agricultural Energy Management Plan (AgEMP) also known as a Comprehensive Type 2 on-farm energy audit (that meets the ASABE S612 On-Farm energy audit standard) which has been conducted in the last four years?	Yes <input type="radio"/> or No <input type="radio"/>
2. b Is applicant using or has applicant used a smart meter to monitor, evaluate, and or manage energy usage and time-of-use on their farming enterprise/operation?	Yes <input type="radio"/> or No <input type="radio"/>
Select all appropriate categories of major energy efficiency activities that apply to the contract for this applicant. Is the applicant going to install: Maximum points 150.	
3. a LIGHTING components (lamps, timers, sensors)?	Yes <input type="radio"/> or No <input type="radio"/>
3. b VENTILATION components (fans, control systems, variable drives, humidity control)?	Yes <input type="radio"/> or No <input type="radio"/>
3. c REFRIGERATION components (compressor, evaporator/chiller, motor, insulation)?	Yes <input type="radio"/> or No <input type="radio"/>
3. d MILK HARVESTING components (pumps, motors, controllers)?	Yes <input type="radio"/> or No <input type="radio"/>
3. e CONTROLLERS components (master system automation)?	Yes <input type="radio"/> or No <input type="radio"/>
3. f OTHER MOTORS/PUMPS components (types, compressors)?	Yes <input type="radio"/> or No <input type="radio"/>
3. g AIR HEATING/BUILDING ENVIRONMENT components (heater, insulation, recovery, variable drives)?	Yes <input type="radio"/> or No <input type="radio"/>
3. h DRYING components (air flow, handling equipment)?	Yes <input type="radio"/> or No <input type="radio"/>
3. i WASTE HANDLING components (collection and dispersal equipment/methods)?	Yes <input type="radio"/> or No <input type="radio"/>

3. j AIR COOLING components (airflow, control systems, evaporative)?	Yes <input type="radio"/> or No <input type="radio"/>
3. k WATER MANAGEMENT components (wells, reservoir, recycled)?	Yes <input type="radio"/> or No <input type="radio"/>
3. l IRRIGATION components (motors/engines, pumps)?	Yes <input type="radio"/> or No <input type="radio"/>
3. m AGRICULTURAL PRACTICES that use more energy efficient engine driven equipment (i.e., planting, tilling, harvesting, etc.)?	Yes <input type="radio"/> or No <input type="radio"/>
3. n CROP/FEED STORAGE components?	Yes <input type="radio"/> or No <input type="radio"/>
3. o MATERIAL HANDLING (equipment, motors, pumps) components?	Yes <input type="radio"/> or No <input type="radio"/>
If appropriate, answer one of the following three questions regarding conservation practices offered in the EQUIP On-Farm Energy Initiative: Maximum points 50.	
4. a Application includes three or more core or supporting conservation practice offered in the Initiative.	Yes <input type="radio"/> or No <input type="radio"/>
4. b Application includes two core or supporting conservation practice offered in the Initiative.	Yes <input type="radio"/> or No <input type="radio"/>
4. c Application includes one core or supporting conservation practice offered in the Initiative.	Yes <input type="radio"/> or No <input type="radio"/>
If appropriate, answer one of the following three questions regarding percent of energy savings based on the measures/practices producer intends to install. Percentage energy savings = (total estimated energy saved / total current energy usage). Maximum points 50.	
5. a Will the recommended measures/practices (to be installed through this contract) achieve a total estimated percent reduction in energy use (i.e., % energy savings) greater than 40%?	Yes <input type="radio"/> or No <input type="radio"/>
5. b Will the recommended measures/practices (to be installed through this contract) achieve a total estimated percent reduction in energy use (i.e., % energy savings) between 40% and 25%?	Yes <input type="radio"/> or No <input type="radio"/>
5. c Will the recommended measures/practices (to be installed through this contract) achieve a total estimated percent reduction in energy use (i.e., % energy savings) between 24 and 5%?	Yes <input type="radio"/> or No <input type="radio"/>

#### Local Issues Addressed

Issue Questions	Responses
If the application is for the development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and sconservation benefit by answering "yes" to the following question. Answering "Yes" to question 1a will result in the application being awarded the maximum amount of points that can be earned for the local level questions	
1. Is the program application for development of a Conservation Activity Plan (CAP) for a TSP prepared Agricultural Energy Management Plan (122 or 124)? If answer is "Yes", do not answer any other local level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
Franklin & Grand Isle LWG	
2. Does this practice reduce the consumption of heating and cooling?	Yes <input type="radio"/> or No <input type="radio"/>
3. Does this practice reduce the consumption of fuel?	Yes <input type="radio"/> or No <input type="radio"/>
4. Does this practice reduce the consumption of electricity?	Yes <input type="radio"/> or No <input type="radio"/>
5. Does this application contain two practices that will address energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>
6. Does this application contain three or more practices that will address energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>
Bennington NRCD LWG	
7. Does this application include practices to improve energy use efficiency for an irrigation system?	Yes <input type="radio"/> or No <input type="radio"/>
8. Does this application include practices which will reduce greenhouse gas emissions?	Yes <input type="radio"/> or No <input type="radio"/>
9. Does this application include practices which will utilize renewable energy sources?	Yes <input type="radio"/> or No <input type="radio"/>
10. Does this application include practices which will improve availability of local foods for local markets for improved energy conservation (source to market distance of less than 25 miles)?	Yes <input type="radio"/> or No <input type="radio"/>
11. Will this application result in the use of less pesticides and/or nutrients and/or will it include practices to improve soil health such as cover crop, crop rotation, and/or residue management?	Yes <input type="radio"/> or No <input type="radio"/>
Caledonia LWG	
12. Has an Agricultural Management Plan (AgEMP) also known as a comprehensive Type 2 on-farm energy audit (that meets ASABE S612 On-Farm Energy Audit Standard) been conducted in the last three to five years?	Yes <input type="radio"/> or No <input type="radio"/>

13. Does the application have practices that will reduce fossil fuel consumption?	Yes <input type="radio"/> or No <input type="radio"/>
14. Does the application have practices that will improve the viability of the enterprise?	Yes <input type="radio"/> or No <input type="radio"/>
15. Does the application have practices that create renewable energy?	Yes <input type="radio"/> or No <input type="radio"/>
16. Does the application have practices that will solve multiple resource concerns ( example energy savings and reduced soil compaction)?	Yes <input type="radio"/> or No <input type="radio"/>
Essex LWG	
17. Has an Agricultural Management Plan (AgEMP) also known as a comprehensive Type 2 on-farm energy audit (that meets ASABE S612 On-Farm Energy Audit Standard) been conducted in the last three to five years?	Yes <input type="radio"/> or No <input type="radio"/>
18. Does the application have practices that will reduce fossil fuel consumption?	Yes <input type="radio"/> or No <input type="radio"/>
19. Does the application have practices that will improve the viability of the enterprise?	Yes <input type="radio"/> or No <input type="radio"/>
20. Does the application have practices that create renewable energy?	Yes <input type="radio"/> or No <input type="radio"/>
21. Does the application have practices that will solve multiple resource concerns ( example energy savings and reduced soil compaction)?	Yes <input type="radio"/> or No <input type="radio"/>
Otter Creek NRCD LWG	
22. Does this application reduced the use of electrical energy?	Yes <input type="radio"/> or No <input type="radio"/>
23. Will this application reduce the use of petroleum based energy?	Yes <input type="radio"/> or No <input type="radio"/>
24. Does this application include practices which will substitute the use of non-renewable energy for the use of local renewable energy sources?	Yes <input type="radio"/> or No <input type="radio"/>
25. Does this application include practices which will improve availability of local foods for local markets for improved energy conservation (source to market distance of less than 50 miles)?	Yes <input type="radio"/> or No <input type="radio"/>
26. Is the payback period for the practices in this application 6.0 years or less?	Yes <input type="radio"/> or No <input type="radio"/>
Winooski NRCD LWG	
27. Does this application reduce the use of electrical energy?	Yes <input type="radio"/> or No <input type="radio"/>
28. Will this application reduce the use of petroleum based energy?	Yes <input type="radio"/> or No <input type="radio"/>
29. Does this application include practices which will substitute the use of non-renewable energy for the use of local renewable energy sources?	Yes <input type="radio"/> or No <input type="radio"/>
30. Does this application include practices, which will improve availability of local foods for local markets for improved energy conservation (source to market distance of less than 50 miles)?	Yes <input type="radio"/> or No <input type="radio"/>
31. Is the payback period for the practices in this application 6.0 years or less?	Yes <input type="radio"/> or No <input type="radio"/>
Lamoille LWG	
32. Does this practice reduce the consumption of heating and cooling?	Yes <input type="radio"/> or No <input type="radio"/>
33. Does this practice reduce the consumption of fuel?	Yes <input type="radio"/> or No <input type="radio"/>
34. Does this practice reduce the consumption of electricity?	Yes <input type="radio"/> or No <input type="radio"/>
35. Does this application contain two practices that will address energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>
36. Does this application contain three or more practices that will address energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>
Orleans County District LWG	
37. Has an Agricultural Management Plan (AgEMP) also known as a comprehensive Type 2 on-farm energy audit (that meets ASABE S612 On-Farm Energy Audit Standard) been conducted in the last three to five years?	Yes <input type="radio"/> or No <input type="radio"/>
38. Does the application have practices that will reduce fossil fuel consumption?	Yes <input type="radio"/> or No <input type="radio"/>
39. Does the application have practices that will improve the viability of the enterprise?	Yes <input type="radio"/> or No <input type="radio"/>
40. Does the application have practices that create renewable energy?	Yes <input type="radio"/> or No <input type="radio"/>
41. Does the application have practices that will solve multiple resource concerns ( example energy savings and reduced soil compaction)?	Yes <input type="radio"/> or No <input type="radio"/>
Ottawaquechee LWG	
42. Will this application improve air quality through the reduced use of fossil fuels?	Yes <input type="radio"/> or No <input type="radio"/>
43. Will this application address a water quantity or water quality resource concern through the	Yes <input type="radio"/> or No <input type="radio"/>

installation of an irrigation reservoir, pumping plant, and/or irrigation water management?	
44. Does this application include practices which will improve availability of local foods for local markets for improved energy conservation (source to market distance of less than 25 miles)?	Yes <input type="radio"/> or No <input type="radio"/>
45. Does this application address soil health through the implementation of cover crop, conservation crop rotation, and/or residue management?	Yes <input type="radio"/> or No <input type="radio"/>
46. Does this application include practices which will utilize local renewable energy sources?	Yes <input type="radio"/> or No <input type="radio"/>
Poultney Mettowee NRCD LWG	
47. Does this application include practices to improve energy use efficiency for an irrigation system?	Yes <input type="radio"/> or No <input type="radio"/>
48. Does this application include practices which will reduce greenhouse gas emissions?	Yes <input type="radio"/> or No <input type="radio"/>
49. Does this application include practices which will utilize renewable energy sources?	Yes <input type="radio"/> or No <input type="radio"/>
50. Does this application include practices which will improve availability of local foods for local markets for improved energy conservation (source to market distance of less than 25 miles)?	Yes <input type="radio"/> or No <input type="radio"/>
51. Will this application result in the use of less pesticides and/or nutrients and/or will it include practices to improve soil health such as cover crop, crop rotation, and/or residue management?	Yes <input type="radio"/> or No <input type="radio"/>
Rutland LWG	
52. Does this application include practices to improve energy use efficiency for an irrigation system?	Yes <input type="radio"/> or No <input type="radio"/>
53. Does this application include practices which will reduce greenhouse gas emissions?	Yes <input type="radio"/> or No <input type="radio"/>
54. Does this application include practices which will utilize renewable energy sources?	Yes <input type="radio"/> or No <input type="radio"/>
55. Does this application include practices which will improve availability of local foods for local markets for improved energy conservation (source to market distance of less than 25 miles)?	Yes <input type="radio"/> or No <input type="radio"/>
56. Will this application result in the use of less pesticides and/or nutrients and/or will it include practices to improve soil health such as cover crop, crop rotation, and/or residue management?	Yes <input type="radio"/> or No <input type="radio"/>
White River District LWG	
57. Has an Agricultural Management Plan (AgEMP) also known as a comprehensive Type 2 on-farm energy audit (that meets ASABE S612 On-Farm Energy Audit Standard) been conducted in the last three to five years?	Yes <input type="radio"/> or No <input type="radio"/>
58. Does the application have practices that will reduce fossil fuel consumption?	Yes <input type="radio"/> or No <input type="radio"/>
59. Does the application have practices that will improve the viability of the enterprise?	Yes <input type="radio"/> or No <input type="radio"/>
60. Does the application have practices that create renewable energy?	Yes <input type="radio"/> or No <input type="radio"/>
61. Does the application have practices that will solve multiple resource concerns ( example energy savings and reduced soil compaction)?	Yes <input type="radio"/> or No <input type="radio"/>
Windham LWG	
62. Does this application include practices to address air quality resource concerns?	Yes <input type="radio"/> or No <input type="radio"/>
63. Does this application include practices which will utilize renewable energy sources?	Yes <input type="radio"/> or No <input type="radio"/>
64. Does this application include practices to address soil erosion and/or water quantity resource concerns?	Yes <input type="radio"/> or No <input type="radio"/>
65. Will the selected practice(s) reduce the use of fossil fuels on the farm?	Yes <input type="radio"/> or No <input type="radio"/>
66. Does this application include practices which will improve availability of local foods for local markets for improved energy conservation (source to market distance of less than 25 miles)?	Yes <input type="radio"/> or No <input type="radio"/>

**Land Use:**

Resource Concerns	Practices
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**Ranking Score**

Efficiency:
Local Issues:
State Issues:

National Issues:

**Final Ranking Score:**

This ranking report is for your information. It does not in any way guarantee funding. When funding becomes available, you will be notified if your application is selected for funding. Some changes to the application may be required before a final contract is awarded.

Notes:

**NRCS Representative:**

**Applicant Signature Not Required on this report for  
Contract Development unless required by State policy:**

**Signature Date:**

**Signature Date:**